

Title (en)
METHOD AND DEVICE FOR SENDING PACKET

Title (de)
VERFAHREN UND VORRICHTUNG ZUM SENDEN VON PAKETEN

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR ENVOYER UN PAQUET

Publication
EP 3145229 B1 20200311 (EN)

Application
EP 14893778 A 20140605

Priority
CN 2014079224 W 20140605

Abstract (en)
[origin: EP3145229A1] The present invention discloses a packet sending method and apparatus, and belongs to the field of mobile communications. The method includes: receiving a packet notification message sent by a first forwarding entity, where the first forwarding entity is a forwarding entity that receives a packet that is sent by a public data network PDN to a mobile terminal, and the packet notification message carries at least a terminal address of the mobile terminal; if the mobile terminal is in an idle state, paging the mobile terminal according to the terminal address of the mobile terminal, so that the mobile terminal sets up a connection to a base station eNodeB; and setting up a data channel between the eNodeB and the first forwarding entity, to connect the mobile terminal and the first forwarding entity, so that the first forwarding entity sends the packet to the mobile terminal by using the data channel and the connection. The apparatus includes: a receiving module, a paging module, and a setup module. In the present invention, in a mobile communications network that integrates an SDN network architecture, a mobile terminal in an idle state can be wakened up, and a packet can be sent to the mobile terminal in the idle state.

IPC 8 full level
H04W 76/12 (2018.01); **H04W 8/08** (2009.01); **H04W 8/24** (2009.01); **H04W 40/24** (2009.01); **H04W 68/02** (2009.01)

CPC (source: EP US)
H04W 8/08 (2013.01 - EP US); **H04W 8/24** (2013.01 - US); **H04W 40/248** (2013.01 - US); **H04W 68/02** (2013.01 - US); **H04W 76/11** (2018.01 - EP); **H04W 76/12** (2018.01 - EP US); **H04W 8/26** (2013.01 - EP); **H04W 68/005** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3145229 A1 20170322; **EP 3145229 A4 20170705**; **EP 3145229 B1 20200311**; CN 105940691 A 20160914; CN 105940691 B 20200214; US 10257768 B2 20190409; US 2017086126 A1 20170323; WO 2015184610 A1 20151210

DOCDB simple family (application)
EP 14893778 A 20140605; CN 2014079224 W 20140605; CN 201480074403 A 20140605; US 201615367971 A 20161202